Passage Assessment Database

Coastwide Inventory of Known and Possible Barriers to Anadromous Fish

Coastal Conservancy

CalFish

Lower Klamath HU
North Coast Region

San Lorenzo-Soquel HU
Central Coast Region

In recognition of the importance of California's once-abundant salmon and steelhead populations, the Coastal Conservancy, with funds specially appropriated for the purpose, conducted an inventory of barriers to fish passage throughout the State.

The inventory is to be used to identify barriers suitable for demolition, removal, or modification to restore spawning and riparian habitat for salmon and steelhead.

Passage Assessment Database (PAD):

Compiles fish barrier data from over 100 data sources.

Identifies more than 13,000 coastal passage assessment records; 3,323 are known to be fish passage barriers, and 9,057 require further examination to determine their passage status.

Highlights 175 high-priority complete barriers and 120 moderate-priority fish barriers in need for removal or modification.

Enables standardized passage data to be easily accessible, publicly available and downloadable via the website www.CalFish.org where PAD data can be displayed along fisheries, stream and other related datasets.

PAD enables analysis of barriers in a broad-scale geographic context and promotes strategic fish passage improvement projects throughout coastal watersheds.

The purpose is to support salmonid population recovery through improvements in stream habitat connectivity and watershed quality.

LOWER KLAMATH HU

ALAMEDA CREEK HU

SAN LORENZO-SOQUEL HU

SANTA MONICA BAY HU

Alameda Creek HU
Bay Area

Santa Monica Bay HU
South Coast Region

Legend

- ☐ Hydrologic Unit Boundary
- Streams

Passage Assessment Database
- 🟥 Total Barrier
- 🟦 Partial Barrier
- ⬛ Unknown Passage Status

Structure Type
- ■ Dam
- ● Road Crossing
- ★ Diversion
- ▲ Natural Feature/Logjam
- ⬟ Other Structure

Table: High Priority PAD Records as Specified by Data Sources.

	NORTH COAST	BAY AREA	CENTRAL COAST	SOUTH COAST	Statewide Coastal
TOTAL BARRIER ARTIFICIAL	487	74	273	164	998
Dam	60	37	118	133	
Stream crossing	400	33	94	27	
Diversion	1		2		
Logjam	20	1	27		
Others	6	3	32	4	
TOTAL BARRIER NATURAL	477	3	268	21	769
HIGH PRIORITY ARTIFICAL TOTAL BARRIERS	65	8	91	11	175
PARTIAL/TEMPORAL BARRIER ARTIFICIAL	588	86	583	74	1331
Dam	62	40	130	9	
Stream crossing	474	36	233	60	
Diversion	1		2		
Logjam	22	7	64		
Others	29	3	154	5	
HIGH PRIORITY PARTIAL/TEMPORAL BARRIERS ARTIFICIAL	16	8	76	20	120